

What is claimed is:

1. A method of forming a MEMS device, the method comprising:
producing a device layer wafer, wherein producing comprises:
5 providing a material layer;
coupling a conductor to the material layer; and
forming at least one conductive path through at least a portion of
the material layer to the conductor;
providing a handle wafer; and
10 coupling the produced device layer wafer to the handle wafer, the
conductor being contained between the material layer and the handle wafer.
2. The method as defined by claim 1 wherein the material layer has an
exposed top surface, at least one conductive path extending to the exposed top
15 surface.
3. The method as defined by claim 1 further comprising removing a portion
of the material layer to substantially expose the at least one conductive path.
- 20 4. The method as defined by claim 1 wherein the material layer has an
exposed top surface, the method further comprising oxidizing the exposed top
surface to optically distinguish the material layer from the conductive path.
- 25 5. The method as defined by claim 1 further comprising applying an
insulator between the material layer and the conductor, the insulator coupling
the conductor to the material layer.

6. The method as defined by claim 1 wherein the conductor is formed from a first semiconductor material and the material layer is formed from a second semiconductor material.

5 7. The method as defined by claim 1 wherein the at least one conductive paths is an anchor.

8. The product formed by the method defined by claim 1.

10 9. A method of forming a device layer wafer of a MEMS device, the method comprising:

providing a material layer having a top surface;
forming a conductive pathway through at least a portion of the material layer, the conductive pathway having at least one end substantially at the top surface; and

15 oxidizing the top surface of the material layer to optically distinguish the end of the conductive pathway from the material layer.

10. The method as defined by claim 9 further comprising removing a portion 20 of the material layer to form the top surface.

11. The method as defined by claim 9 wherein forming comprises:

coupling a conductor to the material layer; and
forming at least one conductive path through at least a portion of the 25 material layer to the conductor, the at least one conductive path and conductor forming the conductive pathway.

12. The method as defined by claim 9 wherein oxidizing causes the end to extend outwardly from the top surface of the material layer.

13. The method as defined by claim 9 wherein oxidizing causes the end to 5 have a first color and the top surface of the material layer to have a second color, the first and second colors being different.

14. The method as defined by claim 9 wherein the material layer is formed from a first material and the conductive pathway is formed from a second 10 material, the first material being different from the second material.

15. The product formed by the method defined by claim 9.

16. An uncoupled device wafer capable of coupling with a handle wafer, the 15 uncoupled device wafer comprising:
a material layer;
a conductor coupled to the material layer; and
at least one conductive path formed through at least a portion of the material layer to the conductor.

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17. The uncoupled device wafer as defined by claim 16 wherein the conductive path terminates within the material layer.

18. The uncoupled device wafer as defined by claim 16 wherein the material 25 layer has a top surface, the conductive path substantially terminating at the top surface.

19. The uncoupled device wafer as defined by claim 16 further comprising an insulator layer coupling the conductor to the material layer.
20. The uncoupled device wafer as defined by claim 16 further comprising an insulator layer, the conductor being contained between the insulator layer and the material layer.